

ABSTRACT OF THE DISCLOSURE

A color correction table which contains a correspondence relationship between a discrete input color signal and an output color signal is employed. An inputted color signal is corrected by a signal correcting unit, and an approximating unit acquires a discrete input color signal approximated to the corrected input color signal. A table referring unit refers to the color correction table to output an output color signal which corresponds to the input color signal approximated by the approximating unit. An approximate error producing unit calculates an approximate error from difference between the input and output signals supplied to the approximating unit, and then stores this calculated approximate error into a data holding unit. The stored approximate error is supplied to a signal correcting unit to be used in the correction of the input signal.

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